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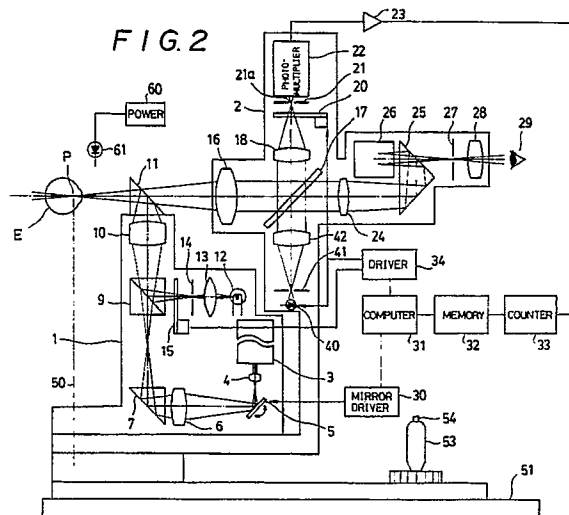
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54 **Ophthalmic measurement apparatus.**

57 An ophthalmic measurement apparatus is provided in which a laser beam (3a) is converged at a selected point (P) in a measurement zone within an eye and light scattered therefrom is photoelectrically detected via a measurement mask (21) having an aperture (21a) of a prescribed size for ophthalmic measurement. During alignment the measurement zone is scanned at high speed by the laser beam (3a) with the same scanning width (H2) as the scan-

ning width used during measurement. This makes it possible to observe any harmful light rays (A to D) that will actually appear during measurement at those settings and to align the apparatus so that the harmful light rays do not come within the limiting aperture of the measurement mask, thereby enabling measurement to be conducted under optimum conditions.



**EP 0 405 708 A3**



DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)
A	EP-A-0 295 764 (KOWA CO. LTD.) * abstract; column 8, lines 38-44; figures 4,6 * - - -	1	A 61 B 3/10 A 61 B 3/12
A	US-A-4 019 813 (CORNSWEET et al.) * claim 1; column 4, lines 43-49; figure 1 * - - -	1,6	
A	US-A-4 811 739 (SILVER) * claims 1,4; column 2, lines 64-67; figure 1 * - - - - -	1,9	
			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
			A 61 B
The present search report has been drawn up for all claims			
Place of search Berlin		Date of completion of search 27 September 91	Examiner PAPA E.R.
CATEGORY OF CITED DOCUMENTS X: particularly relevant if taken alone Y: particularly relevant if combined with another document of the same category A: technological background O: non-written disclosure P: intermediate document T: theory or principle underlying the invention		E: earlier patent document, but published on, or after the filing date D: document cited in the application L: document cited for other reasons ----- &: member of the same patent family, corresponding document	